COURSE SYLLABUS

Information Processing Systems

2324-2-I0301D032-I0301D048M

Aims

The course provides the foundations for understanding the architecture of information processing systems, software, and telecommunications networks.

Contents

The course will introduce the basic concepts of computer science and processing systems, with a focus on Web resources and the use of databases.

Detailed program

The course delves into the scientific areas and skills related to information processing systems and their management. Key concepts of data processing system architecture, information management and electronic encoding, data storage, as well as the evolution of the Internet and the Web will be addressed. Different architectures of web-based information systems will be explored, providing an overview of online information exchange. The course aims to provide a strong knowledge foundation for understanding and effectively utilizing information systems in practical contexts.

Prerequisites

N/A

Teaching form

Frontal lessons.

Textbook and teaching resource

Slides and teaching materials provided by the instructor.

Semester

Second semester.

Assessment method

Exam mode: written test
Question type: multiple-choice quiz with 4 options, one correct answer, for a total of 33 questions
Grading results: The score is expressed on a scale of thirty, with a minimum score of 18/30 and a maximum score of 30/30 with honors.
Topics covered in the questions: All topics covered in the lessons may be asked.
Exam duration: The student has 90 minutes to complete the exam.

General notes:

The exam will be conducted online in a computer science laboratory. The student must have the university credentials memorized to access the system.

The student must bring their university ID card and display it on the desk during the exam. ID cards will be checked at the beginning of the exam.

The use of mobile phones is strictly prohibited. Mobile phones must be turned off, and no devices should be touched during the exam.

If a student needs to speak with the supervisor, they should raise their hand and remain seated.

Consultation of previous exam topics, lecture notes, books or parts of books, and exercise materials is not allowed during the exam, and such tools must be left outside the classroom.

Office hours

By appointment requested via e-mail.

Sustainable Development Goals